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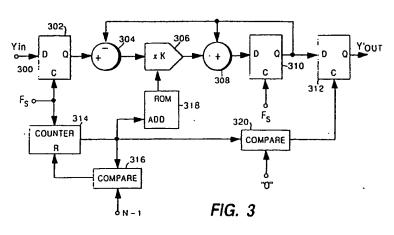
- Applicant: RCA LICENSING CORPORATION 2 Independence Way Princeton New Jersey 08540(US)
- Inventor: McNeeley, David Lowell 7832 Warbler Court Indianapolis, Indiana 46256(US) Inventor: Filing, Russell Thomas 1369 Green Trails Drive Naperville, Illinois 60540(US)
- Representative: Smith, Thomas Ian Macdonald et al London Patent Operation G.E. Technical Services Co. Inc. Burdett House 15-16 Buckingham Street London WC2N 6DU(GB)

Adjustable antialias filters.

(3) A programmable sampled data subsampling system includes a programmable antialias filter which bandlimits the information bandwidth of the signal to be subsampled in accordance with the subsampling rate. The antialias filter includes a recursive filter which scales and combines (304,306,308) input samples and delayed (310) com-

bined samples in proportions of K and (1-K) where K is a variable. The variables K are applied (314,316,318) to the recursive filter in repeating sequences of N values of K where N is the subsampling factor. Every Nth combined sample is extracted (312,320) and provided as the subsampled signal.

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EUROPEAN SEARCH REPORT

Application Number

EP 90 30 0818

ם	OCUMENTS CONSI	DERED TO BE REI	LEVAN	1	
ategory		h indication, where appropriate, vant passages		elevant o claim	CLASSIFICATION OF THE APPLICATION (Int. CI.5)
Y	1986 IEEE INTERNATIONA AND SYSTEMS, San Jose, vol. 1, pages 289-294; K.R. coding" " Page 289, left-hand columi line 21; page 290, left-hand column, line 16; page 291, left-hand column, line 16; page 291, left-hand	California, 5th - 7th May 198 RAO: "Digital filtering in ima n, line 14 - right-hand colum column, line 31 - right-hand eft-hand column, line 9 - righ	86, ge	-	H 03 H 17/04
Α	IDEM _		2,4	.7	
Y	IEEE 32ND INTERNATION/ CONFERENCE, vol. 28, 13t 80-81,313, Coral Gables, Fic converters"; M.W. HAUSER bination that does not requir * Page 80, right-hand colum column, line 7; figure 4 *	h February 1985, pages brida, US, session VII: "Data et al.: "MOS ADC-filter com e precision analog compone	n- ents"		
Α	IDEM		4,5	; <u> </u>	TECHNICAL FIELDS
Α	FR-A-2 532 504 (RCA COI * Abstract; page 3, lines 10- 33; figures 1,3 *		1	2,4,7,8	SEARCHED (Int. CI.5) H 03 H H 04 N
	The present search report has t	een drawn up for all claims			
-	Place of search Date of completion of se		ch		Examiner
Y: A: O: P:	The Hague CATEGORY OF CITED DOCU particularly relevant if taken alone particularly relevant if combined wit document of the same catagory technological background non-written disclosure Intermediate document theory or principle underlying the in	h another D L &	the filing of document document	late cited in th cited for o	WRIGHT J.P. ent, but published on, or after e application ther reasons patent family, corresponding